

PTO-1449		Information Disclosure Citation In an Application		Application No. 09/812,835		Applicant(s) Darren R. Kerr et al.	
				Docket Number 062891.0993	Group Art Unit 2145 Confirmation No. 2952	Filing Date March 21, 2001	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	4,131,767	12/1978	Weinstein			
	B	4,161,719	7/1979	Parikh, et al.			
	C	4,316,284	2/1982	Howson			
	D	4,397,020	8/1983	Howson			
	E	4,419,728	12/1983	Larson			
	F	4,424,565	1/1984	Larson			
	G	4,437,087	3/1984	Petr			
	H	4,438,511	3/1984	Baran			
	I	4,439,763	3/1984	Limb			
	J	4,445,213	4/1984	Baugh, et al.			
	K	4,446,555	5/1984	Devault, et al.			
	L	4,456,957	6/1984	Schieltz			
	M	4,464,658	8/1984	Thelen			
	N	4,499,576	2/1985	Fraser			
	O	4,506,358	3/1985	Montgomery			
	P	4,507,760	3/1985	Fraser			
	Q	4,532,626	7/1985	Flores, et al.			
	R	4,644,532	2/1987	George, et al.			
	S	4,646,287	2/1987	Larson, et al.			
	T	4,677,423	6/1987	Benvenuto, et al.			
	U	4,679,189	7/1987	Olson, et al.	370	60	
	V	4,679,227	7/1987	Hughes-Hartogs			
	W	4,723,267	2/1988	Jones, et al.			
	X	4,731,816	3/1988	Hughes-Hartogs			
	Y	4,750,136	6/1988	Arpin, et al.			
✓	Z	4,757,495	7/1988	Decker, et al.			

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	4,763,191	8/1988	Gordon, et al.			
	B	4,769,810	9/1988	Eckberg, Jr., et al.			
	C	4,769,811	9/1988	Eckberg, Jr., et al.			
	D	4,771,425	9/1988	Baran, et al.			
	E	4,819,228	4/1989	Baran, et al.			
	F	4,827,411	5/1989	Arrowood, et al.			
	G	4,833,706	5/1989	Hughes-Hartogs			
	H	4,835,737	5/1989	Herrig, et al.			
	I	4,879,551	11/1989	Georgiou, et al.			
	J	4,893,306	1/1990	Chao, et al.			
	K	4,903,261	2/1990	Baran, et al.			
	L	4,922,486	5/1990	Lidinsky, et al.			
	M	4,933,937	6/1990	Konishi			
	N	4,960,310	10/1990	Cushing			
	O	4,962,497	10/1990	Ferenc, et al.			
	P	4,962,532	10/1990	Kasirai, et al.			
	Q	4,965,772	10/1990	Daniel, et al.			
	R	4,970,678	11/1990	Sladowski, et al.			
	S	4,979,118	12/1990	Kheradpir	364	436	
	T	4,980,897	12/1990	Decker, et al.			
	U	4,991,169	2/1991	Davis, et al.			
	V	5,003,595	3/1991	Collins, et al.			
	W	5,014,265	5/1991	Hahne, et al.			
	X	5,020,058	5/1991	Holden, et al.			
	Y	5,033,076	7/1991	Jones, et al.			
V	Z	5,054,034	10/1991	Hughes-Hartogs			

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	5,059,925	10/1991	Weisbloom			
	B	5,072,449	12/1991	Enns, et al.			
	C	5,088,032	2/1992	Bosack			
	D	5,095,480	3/1992	Fenner	370	94.1	
	E	5,115,431	5/1992	Williams, et al.			
	F	5,128,945	7/1992	Enns, et al.			
	G	5,136,580	8/1992	Videlock, et al.			
	H	5,166,930	11/1992	Braff, et al.			
	I	5,199,049	3/1993	Wilson			
	J	5,206,886	4/1993	Bingham			
	K	5,208,811	5/1993	Kashio, et al.			
	L	5,212,686	5/1993	Joy, et al.			
	M	5,224,099	6/1993	Corbalis, et al.			
	N	5,226,120	7/1993	Brown, et al.			
	O	5,228,062	7/1993	Bingham			
	P	5,229,994	7/1993	Balzano, et al.			
	Q	5,237,564	8/1993	Lespagnol, et al.			
	R	5,241,682	8/1993	Bryant, et al.			
	S	5,243,342	9/1993	Kattamalalavadi, et al.			
	T	5,243,596	9/1993	Port, et al.			
	U	5,245,614	9/1993	Gutman, et al.			
	V	5,247,516	9/1993	Bernstein, et al.			
	W	5,249,178	9/1993	Kurano, et al.			
	X	5,253,251	10/1993	Aramaki			
	Y	5,255,291	10/1993	Holden, et al.			
✓	Z	5,260,933	11/1993	Rouse			

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U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	5,260,978	11/1993	Fleischer, et al.			
	B	5,268,592	12/1993	Bellamy, et al.			
	C	5,268,900	12/1993	Hluchyj, et al.			
	D	5,271,004	12/1993	Proctor, et al.			
	E	5,274,631	12/1993	Bhardwaj			
	F	5,274,635	12/1993	Rahman, et al.			
	G	5,274,643	12/1993	Fisk			
	H	5,280,470	1/1994	Buhrke, et al.			
	I	5,280,480	1/1994	Pitt, et al.	370	256	
	J	5,280,500	1/1994	Mazzola, et al.			
	K	5,283,783	2/1994	Nguyen, et al.			
	L	5,287,103	2/1994	Kasprzyk, et al.			
	M	5,287,453	2/1994	Roberts	395	200	
	N	5,287,535	2/1994	Sakagawa, et al.	370	60	
	O	5,291,442	3/1994	Bomma, et al.	711	120	
	P	5,291,482	3/1994	McHarg, et al.			
	Q	5,305,311	4/1994	Lyles			
	R	5,307,343	4/1994	Bostica, et al.			
	S	5,309,437	5/1994	Perlman, et al.	370	85.13	
	T	5,311,509	5/1994	Heddes, et al.			
	U	5,313,454	5/1994	Bustini, et al.			
	V	5,313,582	5/1994	Hendel, et al.			
	W	5,317,562	5/1994	Nardin, et al.			
	X	5,319,644	6/1994	Liang			
	Y	5,325,504	6/1994	Tipley, et al.	711	128	
✓	Z	5,327,421	7/1994	Hiller, et al.			

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
J	A	5,331,637	7/1994	Francis, et al.			
	B	5,335,224	8/1994	Cole, et al.	370	235	
	C	5,345,445	9/1994	Hiller, et al.			
	D	5,345,446	9/1994	Hiller, et al.			
	E	5,347,642	9/1994	Barratt	711	113	
	F	5,359,592	10/1994	Corbalis, et al.			
	G	5,361,250	11/1994	Nguyen, et al.			
	H	5,361,256	11/1994	Doeringer, et al.			
	I	5,361,259	11/1994	Hunt, et al.			
	J	5,365,524	11/1994	Hiller, et al.			
	K	5,367,517	11/1994	Cidon, et al.			
	L	5,371,852	12/1994	Attanasio, et al.			
	M	5,386,567	1/1995	Lien, et al.			
	N	5,390,170	2/1995	Sawant, et al.			
	O	5,390,175	2/1995	Hiller, et al.			
	P	5,394,394	2/1995	Crowther, et al.			
	Q	5,394,402	2/1995	Ross			
	R	5,394,408	2/1995	Nishihara, et al.	714	812	
	S	5,400,325	3/1995	Chatwani, et al.			
	T	5,408,469	4/1995	Opher, et al.			
	U	5,416,842	5/1995	Aziz			
	V	5,418,922	5/1995	Liu	711	3	
	W	5,422,880	6/1995	Heitkamp, et al.			
	X	5,422,882	6/1995	Hiller, et al.			
	Y	5,423,002	6/1995	Hart			
V	Z	5,426,636	6/1995	Hiller, et al.			

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	5,426,637	6/1995	Derby et al.	370	401	
	B	5,428,607	6/1995	Hiller, et al.			
	C	5,430,715	7/1995	Corbalis, et al.			
	D	5,430,729	7/1995	Rahnema			
	E	5,432,784	7/1995	Ozveren	370	235	
	F	5,442,457	8/1995	Najafi			
	G	5,442,624	8/1995	Bonomi, et al.	370	231	
	H	5,442,630	8/1995	Gagliardi, et al.			
	I	5,444,491	8/1995	Lim	348	441	
	J	5,450,406	9/1995	Esaki, et al.	370	60	
	K	5,452,297	9/1995	Hiller, et al.			
	L	5,473,599	12/1995	Li, et al.			
	M	5,473,607	12/1995	Hausman, et al.			
	N	5,477,541	12/1995	White, et al.			
	O	5,485,455	1/1996	Dobbins, et al.			
	P	5,490,140	2/1996	Abensour, et al.			
	Q	5,490,258	2/1996	Fenner	395	401	
	R	5,491,687	2/1996	Christensen, et al.			
	S	5,491,804	2/1996	Heath, et al.			
	T	5,497,368	3/1996	Reijnierse, et al.			
	U	5,499,238	3/1996	Shon	370	399	
	V	5,504,747	4/1996	Sweasey			
	W	5,509,006	4/1996	Wilford, et al			
	X	5,517,494	5/1996	Green			
	Y	5,519,704	5/1996	Farinacci, et al			
▼	Z	5,519,858	5/1996	Walton, et al	395	600	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	5,523,999	6/1996	Takano, et al.	370	389	
	B	5,526,489	6/1996	Nilakantan, et al.			
	C	5,530,963	6/1996	Moore, et al.			
	D	5,533,033	7/1996	Ratner	714	746	
	E	5,535,195	7/1996	Lee			
	F	5,539,734	7/1996	Burwell, et al.			
	G	5,541,911	7/1996	Nilakantan, et al.			
	H	5,546,370	8/1996	Ishikawa			
	I	5,555,244	9/1996	Gupta, et al.			
	J	5,557,747	9/1996	Rogers, et al.	709	223	
	K	5,561,669	10/1996	Lenney, et al.			
	L	5,566,170	10/1996	Bakkee, et al.	370	392	
	M	5,583,862	12/1996	Callon			
	N	5,583,865	12/1996	Esaki, et al.	370	397	
	O	5,592,470	1/1997	Rudrapatna, et al.			
	P	5,598,581	1/1997	Daines, et al.			
	Q	5,600,798	2/1997	Chenrukuri, et al.			
	R	5,604,868	2/1997	Komine, et al.			
	S	5,608,726	3/1997	Virgile			
	T	5,608,908	3/1997	Barghouti, et al.	395	703	
	U	5,610,904	3/1997	Eng, et al.	370	408	
	V	5,614,891	3/1997	Zeinstra, et al.	340	825.22	
	W	5,617,417	4/1997	Sathe, et al.			
	X	5,617,421	4/1997	Chin, et al.			
	Y	5,625,622	4/1997	Johri	370	232	
✓	Z	5,630,125	5/1997	Zellweger	395	614	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	A	5,632,021	5/1997	Jennings, et al.			
	B	5,634,010	5/1997	Ciscon, et al.			
	C	5,638,359	6/1997	Peltola, et al.			
	D	5,644,718	7/1997	Belove, et al.			
	E	5,644,751	7/1997	Burnett	711	113	
	F	5,659,684	8/1997	Giovannoni, et al.			
	G	5,666,353	9/1997	Klausmeier, et al.			
	H	5,673,265	9/1997	Gupta, et al.			
	I	5,678,006	10/1997	Valizadeh, et al.			
	J	5,680,116	10/1997	Hashimoto, et al.			
	K	5,684,797	11/1997	Aznar, et al.	370	390	
	L	5,689,506	11/1997	Chiussi, et al.	370	388	
	M	5,694,390	12/1997	Yamato et al.			
	N	5,699,532	12/1997	Barrett, et al.	710	129	
	O	5,748,186	5/1998	Raman	345	302	
	P	5,748,617	5/1998	McLain, Jr.			
	Q	5,754,768	5/1998	Brech, et al.	395	200.6	
	R	5,802,054	9/1998	Bellenger			
	S	5,835,710	11/1998	Nagami, et al.			
	T	5,842,040	11/1998	Hughes, et al.	710	11	
	U	5,856,981	1/1999	Voelker			
	V	5,892,924	4/1999	Lyon, et al.	395	200.75	
	W	5,903,559	5/1999	Acharya, et al.			
	X	6,091,725	7/2000	Cheriton, et al.	370	392	
	Y	6,243,667	6/2001	Kerr et al.	703	27	
V	Z	6,343,322	1/2002	Nagami, et al.	709	227	

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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	FILING DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	A	0 384 758 A2	22.02.1990	EP	H04L	12/56	X	
	B	0 431 751 A1	02/11/1990	EP	H04L	12/46	X	
	C	0 567 217 A2	12.03.1993	EP	H04L	12/46	X	
	D	WO 93/07569	22.09.1992	PCT	G06F	13/40	X	
	E	WO 93/07692	22.09.1992	PCT	H04J	3/24	X	
	F	WO 94/01828	01.07.1993	PCT	G06F	15/40, 5/00	X	
	G	WO 95/20850	26.01.1995	PCT	H04L	12/56	X	
DOCUMENT (Including Author, Title, Source, and Pertinent Pages)							DATE	
	A	William Stallings, "Data and Computer Communications," Prentice Hall, Upper Saddle River, New Jersey 07458, 2 cover pages and pp. 329-333					© 1997	
	B	M. Allen, "Novell IPX Over Various WAN Media (IPXWAN)," Network Working Group, RFC 1551, 22 pgs.					12/1993	
	C	S. Chowdhury, et al., "Alternative Bandwidth Allocation Algorithms for Packet Video in ATM Networks," IEEE INFOCOM, Vol. 3, pp. 1061-8					1992	
	D	W. Doeringer, et al., "Routing on Longest-Matching Prefixes," IEEE/ACM Transactions on Networking, Vol. 4, No. 1, pp. 86-97					02/1996	
	E	H. Esaki, et al., "Datagram Delivery in an ATM-Internet," IEICE Transactions on Communications, Vol. E77-B, No. 3, cover page and pp. 314-26					03/1994	
	F	IBM Corporation, "Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Signals," IBM Technical Disclosure Bulletin, No. 6, pp. 409-411.					11/1992	
	G	Tong-Bi Pei, and C. Zukowski, "Putting Routing Tables in Silicon," IEEE Network Magazine, Vol. 6, No. 1, 2 cover pages and pp. 42-50					01/1992	
	H	D. Perkins, "Requirements for an Internet Standard Point-to-Point Protocol," Network Working Group, RFC 1547, 21 pages					12/1993	
	I	W. Simpson, "The Point-to-Point Protocol (PPP)," Network Working Group, RFC 1661, 34 pgs.					07/1994	
	J	P.F. Tsuchiya, "A Search Algorithm for Table Entries with Non-Contiguous Wildcarding," 9 pgs.					02/1991	
✓	K	H. Zhang and D. Ferrari, "Rate-Controlled Static-Priority Queueing," IEEE INFOCOM '93, 11 pgs.					1993	
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